

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Dean A. Schaefer et al.

Serial No.: 09/487,359

Examiner: R. Ghafoorian

Filed: January 19, 2000

Group Art Unit: 3763

For: INTRAVASCULAR CATHETER WITH AXIAL MEMBERS

Docket No.: 1001.1387101

RECEIVED

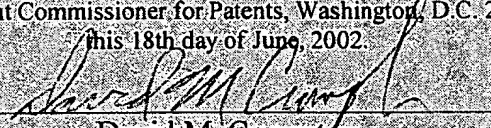
SEP 24 2002

## TRANSMITTAL SHEET

TECHNOLOGY CENTER R3700

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

|   |
|---|
| <b>CERTIFICATE UNDER 37 C.F.R. 1.8:</b> I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231, on this 18th day of June, 2002.<br>By <br>David M. Crompton |
|---|

We are transmitting herewith the attached:

- [ XX ] Amendment  
[ ] No additional fee required  
[ XX ] The fee has been calculated as shown:

| CLAIMS AS AMENDED                  |                  |              |       |              |           |       |           |
|------------------------------------|------------------|--------------|-------|--------------|-----------|-------|-----------|
|                                    | (3)              | (4)          | (5)   | SMALL ENTITY |           | OTHER |           |
|                                    | REMAINING CLAIMS | HIGHEST PAID | EXTRA | RATE         | ADD'L FEE | RATE  | ADD'L FEE |
| TOTAL CLAIMS                       | 28 -             | 22 =         | 6     | X9=          | \$        | X18=  | \$108     |
| INDEPENDENT CLAIMS                 | 6 -              | 3 =          | 3     | X40=         | \$        | X84=  | \$ 252    |
| ( ) FIRST MULTIPLE DEPENDENT CLAIM |                  |              |       | +140=        | \$        | +280= | \$0       |
| TOTAL                              |                  |              |       | \$           |           | \$360 |           |

[ XX ]

A check in the amount of \$540.00 is enclosed. Itemization:

|                     |                 |
|---------------------|-----------------|
| Fee Code <u>102</u> | <u>\$252.00</u> |
| Fee Code <u>103</u> | <u>\$108.00</u> |
| Fee Code <u>126</u> | <u>\$180.00</u> |

[ ]

Small entity status of this application under 37 C.F.R. 1.9 and 1.27 has been established by verified statement previously submitted.

[ XX ]

Other: ONE SHEET OF REDLINED DRAWINGS, INFORMATION DISCLOSURE STATEMENT BEFORE MAILING DATE OF EITHER A FINAL ACTION OR NOTICE OF ALLOWANCE (37 CFR 1.97(c)), FORM PTO-1449, AND CITED REFERENCES.

[XXXX]

Please charge any deficiencies or credit any overpayment in the enclosed fees to Deposit Account No. 50-0413.

By: 

David M. Crompton

Reg. No. 36,772

David M. Crompton  
CROMPTON, SEAGER & TUFTE, LLC  
331 Second Avenue South, Suite 895  
Minneapolis, Minnesota 55401-2246  
Telephone: (612) 677-9050  
Facsimile: (612) 359-9349



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

47/12  
58  
9-27-02

In Application of:

Dean A. Schaefer et al.

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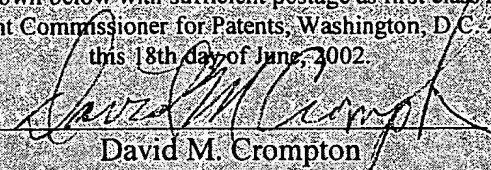
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**AMENDMENT**

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By   
David M. Crompton

Dear Sir:

In response to the Office Action mailed March 18, 2002, please amend this application as indicated herein.

**In the Claims**

Please amend claims 1, 9, 13 and 20, and add new claims 23-28 as indicated.

1. (Once Amended) An intravascular catheter comprising an elongate shaft having a lumen extending therethrough, the shaft including an inner polymer layer, a reinforcement layer disposed about the inner layer and an outer polymer layer disposed about the reinforcement layer, the reinforcement layer comprising a tubular braid having a first helical member interwoven with a second helical member and an axial member disposed between the first helical member and the